

ALPHA WIRELESS | Panel AW3711

4 port, 33°, RET with reduced sidelobes, double capacity while maintaining SINR.



APPLICATION

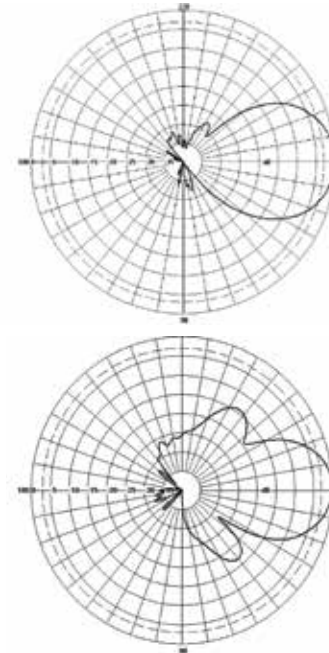
- **Fixed Wireless Broadband**
Significantly improves signal quality, network speed and capacity

FEATURES AND BENEFITS

- Enables 2X segmentation compared to a 65° panel
- Ideal for 6 sectored high capacity sites
- Greater spectrum reuse through sectorisation delivering greater efficiencies
- Reduced interference, improved Signal to Noise Ratio (SINR)
- Greater overall network capacity and speed

ADDITIONAL FEATURES

- Four ports enable MIMO functions - 2T4R or 4T4R
- Integrated RET enables elevation tilt optimisation



AZIMUTH SIDELOBES VIRTUALLY ELIMINATED

- Less than -25 dB sidelobes
- Avoids beam spill in unwanted directions
- Higher Gain delivers stronger signal levels into the target area

Standard 33° Panel antenna with Sidelobes. Sidelobes represent signal in unwanted directions causing interference and dilute energy from the main. Innovative design components minimise their impact.
FOR REFERENCE ONLY



4X4 MIMO FOR
MAXIMUM
THROUGHPUT

ALL 3.5GHZ BANDS
COVERED

NARROW
AZIMUTH BEAM TO
INCREASE SITE
CAPACITY

TILT RANGE
T0- T10
DEGREES